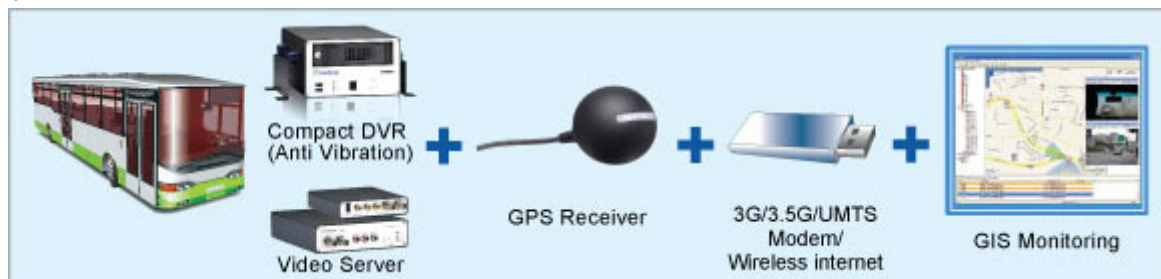


## GV-VS12 2Ch H.264 Video Server



- H.264, MPEG4, MJPEG
- 2-Channel full D1 real-time video / audio
- Compact size
- PoE / 12V DC
- Tampering Alarm
- USB storage recording
- GPS support
- UMTS/ 3G / 3.5G support
- Over 40 branded speed dome protocols available
- Full intergration with GeoVision series solutions

GV-VS12 is a powerful H.264 Video Server with compact size and supports multiple applications. It supports PoE, and 2-channel full D1 real-time video and audio encoding, fully integrated with GV-NVR to form the most powerful IP surveillance solution. It also supports over 40 branded speed dome protocols to fulfill various project demands. It can record video to a local USB storage, forming the smallest video recorder. With GPS and UMTS/3G/3.5G support, it provides GIS solution integrated with GV-GIS. It can also active Tampering Alarm alerts when a tampering event happens to prevent crime events.



### SPECIFICATIONS

| Video                                 |  |   |
|---------------------------------------|--|---|
| Video Standard                        | NTSC, PAL  |   |
| Video Input                           | 2 channels   |   |
| Compression                           | H.264, MPEG4, MJPEG  |   |
| Frame Rate<br>(at Full D1 resolution) | NTSC   | 30 fps per channel; 60 fps in total   |
|                                       | PAL  | 25 fps per channel; 50 fps in total   |
| Resolution                            | Full D1, Half D1, CIF, QCIF  |   |
| Video Streaming                       | Configurable frame rate and bandwidth, Constant and variable bitrate,                                  |   |
| Video Adjustment                      | Brightness, Contrast, Hue, Saturation, Image Quality, Image Size, Bitrate, GOP (Group of Picture) size |   |
| Audio                                 |  |   |
| Audio Input                           | 2 channels   |   |
| Compression                           | G.711  |   |
| Management                            |  |   |
| Event Management                      | Trigger  | Schedule, Sensor Input, Motion Detection  |
|                                       | Action   | Store Video (AVI format), Email with captured images, Captured images uploaded over FTP, Monitoring by Center V2, VSM and GV-GIS, Relay outputs to control external devices |
| Firmware Upgrade                      | Remote upgrade by HTTP, Firmware upgrade utility included in the Software DVD                          |   |
| Storage                               | Mass storage through USB (optional)  |   |
| Client PC Requirements                | Microsoft IE 6.x or above running on Windows 2000/XP/2003/Vista  |   |
| Security                              | IP address filtering   |   |

| Network                |   |                           |
|------------------------|---|---------------------------|
| Interface              | 10/100 Base-T Ethernet, 802.11b/g Wireless LAN (optional) |                           |
| Protocol               | HTTP, TCP, UDP, SMTP, FTP, DHCP, NTP, UPnP, DynDNS        |                           |
| Connector              |   |                           |
| Video Input            | BNC 2 ports   |                           |
| Audio Input            | RCA 2 ports   |                           |
| Audio Output           | RCA 1 port  |                           |
| Terminal Block         | RS-232 interface for GPS                                  |                           |
| RJ-45 Connector        | 2 digital inputs, 2 relay outputs, RS±485                 |                           |
| Ethernet               | RJ-45, 10/100 Mbps  |                           |
| USB 2.0                | 2 ports   |                           |
| Power                  | Power Jack  | 1 DC-In power jack        |
|                        | Input   | 100-240V, 1.2A, 50-60 mHz |
|                        | Output  | 12V, 3A, (36W Max.)       |
| Power over Ethernet    |   |                           |
| PoE Standard           | IEEE 802.3af Power over Ethernet / PSE                    |                           |
| PoE Power Supply Type  | End-Span  |                           |
| PoE Power Output       | Per Port 48V DC, 350mA. Max. 15.4 watts                   |                           |
| Alarm                  |   |                           |
| Sensor Input           | 2 inputs  |                           |
| Alarm Output           | 2 outputs   |                           |
| Environment            |   |                           |
| Operation Temp.        | -20 ~ 55 °C / -4 ~ 131 °F                                 |                           |
| Humidity               | 0 ~ 85% RH (non-condensing)                               |                           |
| Physical               |   |                           |
| Dimensions (L x W x H) | 123 x 106 x 25 mm / 4.84 x 4.17 x 0.98 in                 |                           |
| Weight                 | 0.345 kg / 0.76 lb (Net)                                  |                           |

**Note:** \* Product design and specifications are subject to change without notice.

- \* The maximum number of connections to the GV-Video Server is 20. When one GV-System connects to one GV-Video Sever, it takes up to 4 connections. When users connect to one GV-Video Server through browser, it takes up to 2 connections. When users operate the Camera/Audio Control on Center V2, it takes 1 connection.

## Options

Optional devices can expand your GV-Video Server's capabilities and versatility. Contact your dealer for more information.

|                 |  |
|-----------------|--|
| GV-GPS Receiver | GV-GPS Receiver is a Global Position System receiver, allowing you to perform vehicle tracking and location verification functions. It is available in two types of interfaces: UART and RS-232. |
| GV-Relay V2     | Working with this module, GV-Video Server can drive the loads of relay outputs over 5 volts.   |